Tosso Leeb

List of Publications by Year
in descending order

401	10,011	47006 47	62596 80
papers	citations	h-index	g-index

432	432	432	8834
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genome Sequence, Comparative Analysis, and Population Genetics of the Domestic Horse. Science, 2009, 326, 865-867.	12.6	680
2	FEELnc: a tool for long non-coding RNA annotation and its application to the dog transcriptome. Nucleic Acids Research, 2017, 45, gkw1306.	14.5	281
3	Genome-Wide Analysis Reveals Selection for Important Traits in Domestic Horse Breeds. PLoS Genetics, 2013, 9, e1003211.	3.5	240
4	Genetic Diversity in the Modern Horse Illustrated from Genome-Wide SNP Data. PLoS ONE, 2013, 8, e54997.	2.5	214
5	A High Density SNP Array for the Domestic Horse and Extant Perissodactyla: Utility for Association Mapping, Genetic Diversity, and Phylogeny Studies. PLoS Genetics, 2012, 8, e1002451.	3.5	208
6	Ancient genomic changes associated with domestication of the horse. Science, 2017, 356, 442-445.	12.6	185
7	Evolutionary Genomics and Conservation of the Endangered Przewalskiâ€™s Horse. Current Biology, 2015, 25, 2577-2583.	3.9	161
8	Molecular basis for the action of the collagen-specific chaperone Hsp47/SERPINH1 and its structure-specific client recognition. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13243-13247.	7.1	143
9	Tracking the origins of Yakutian horses and the genetic basis for their fast adaptation to subarctic environments. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6889-97.	7.1	139
10	A comprehensive biomedical variant catalogue based on whole genome sequences of 582 dogs and eight wolves. Animal Genetics, 2019, 50, 695-704.	1.7	138
11	A Genome-Wide Association Study Reveals Loci Influencing Height and Other Conformation Traits in Horses. PLoS ONE, 2012, 7, e37282.	2.5	138
12	Serial translocation by means of circular intermediates underlies colour sidedness in cattle. Nature, 2012, 482, 81-84.	27.8	137
13	A Mutation in Hairless Dogs Implicates FOXI3 in Ectodermal Development. Science, 2008, 321, 1462-1462.	12.6	135
14	Analysis of sequence variability of the bovine prion protein gene (PRNP) in German cattle breeds. Neurogenetics, 2004, 5, 19-25.	1.4	132
15	Mutations in MITF and PAX3 Cause â€œSplashed Whiteâ€•and Other White Spotting Phenotypes in Horses. PLoS Genetics, 2012, 8, e1002653.	3.5	124
16	Developing a 670k genotyping array to tag ~2M SNPs across 24 horse breeds. BMC Genomics, 2017, 18, 565.	2.8	116
17	Evidence for a Retroviral Insertion in TRPM1 as the Cause of Congenital Stationary Night Blindness and Leopard Complex Spotting in the Horse. PLoS ONE, 2013, 8, e78280.	2.5	115
18	A Missense Mutation in the SERPINH1 Gene in Dachshunds with Osteogenesis Imperfecta. PLoS Genetics, 2009, 5, e1000579.	3.5	115

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19	Allelic Heterogeneity at the Equine KIT Locus in Dominant White (W) Horses. PLoS Genetics, 2007, 3, e195.	3.5	114
20	Bovine Prion Protein Gene (PRNP) Promoter Polymorphisms Modulate PRNP Expression and May Be Responsible for Differences in Bovine Spongiform Encephalopathy Susceptibility. Journal of Biological Chemistry, 2005, 280, 37408-37414.	3.4	112
21	The role of stallion seminal proteins in fertilisation. Animal Reproduction Science, 2005, 89, 159-170.	1.5	103
22	Seven novel KIT mutations in horses with white coat colour phenotypes. Animal Genetics, 2009, 40, 623-629.	1.7	102
23	LUPA: A European initiative taking advantage of the canine genome architecture for unravelling complex disorders in both human and dogs. Veterinary Journal, 2011, 189, 155-159.	1.7	95
24	Mutations within the FGF5 gene are associated with hair length in cats. Animal Genetics, 2007, 38, 218-221.	1.7	89
25	LGI2 Truncation Causes a Remitting Focal Epilepsy in Dogs. PLoS Genetics, 2011, 7, e1002194.	3.5	88
26	Canine Brachycephaly Is Associated with a Retrotransposon-Mediated Missplicing of SMOC2. Current Biology, 2017, 27, 1573-1584.e6.	3.9	80
27	Y Chromosome Uncovers the Recent Oriental Origin of Modern Stallions. Current Biology, 2017, 27, 2029-2035.e5.	3.9	75
28	PRNP promoter polymorphisms are associated with BSE susceptibility in Swiss and German cattle. BMC Genetics, 2007, 8, 15.	2.7	74
29	Effective population size of an indigenous Swiss cattle breed estimated from linkage disequilibrium. Journal of Animal Breeding and Genetics, 2010, 127, 339-347.	2.0	73
30	A Non-Synonymous HMGA2 Variant Decreases Height in Shetland Ponies and Other Small Horses. PLoS ONE, 2015, 10, e0140749.	2.5	73
31	Novel variants in the <scp>KIT</scp> and <scp>PAX</scp>3 genes in horses with whiteâ€spotted coat colour phenotypes. Animal Genetics, 2013, 44, 763-765.	1.7	68
32	Partial Deletion of the Bovine ED1 Gene Causes Anhidrotic Ectodermal Dysplasia in Cattle. Genome Research, 2001, 11, 1699-1705.	5.5	66
33	Single linkage group per chromosome genetic linkage map for the horse, based on two three-generation, full-sibling, crossbred horse reference families. Genomics, 2006, 87, 1-29.	2.9	65
34	A polymorphism within the equine CRISP3 gene is associated with stallion fertility in Hanoverian warmblood horses. Animal Genetics, 2007, 38, 259-264.	1.7	65
35	Dog10K: an international sequencing effort to advance studies of canine domestication, phenotypes and health. National Science Review, 2019, 6, 810-824.	9.5	65
36	Comparison against 186 canid whole-genome sequences reveals survival strategies of an ancient clonally transmissible canine tumor. Genome Research, 2015, 25, 1646-1655.	5.5	63

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37	Compound Heterozygous Mutations Affect Protein Folding and Function in Patients With Congenital Sucrase-Isomaltase Deficiency. Gastroenterology, 2009, 136, 883-892.	1.3	60
38	A Noncoding Melanophilin Gene (MLPH) SNP at the Splice Donor of Exon 1 Represents a Candidate Causal Mutation for Coat Color Dilution in Dogs. Journal of Heredity, 2007, 98, 468-473.	2.4	55
39	The mutation causing the black-and-tan pigmentation phenotype of Mangalitza pigs maps to the porcine ASIP locus but does not affect its coding sequence. Mammalian Genome, 2006, 17, 58-66.	2.2	54
40	Polymorphisms within the canine MLPH gene are associated with dilute coat color in dogs. BMC Genetics, 2005, 6, 34.	2.7	53
41	A humanâ€“horse comparative map based on equine BAC end sequences. Genomics, 2006, 87, 772-776.	2.9	53
42	A whole-genome scan for recurrent airway obstruction in Warmblood sport horses indicates two positional candidate regions. Mammalian Genome, 2009, 20, 504-515.	2.2	52
43	Genome-Wide Analysis in German Shepherd Dogs Reveals Association of a Locus on CFA 27 with Atopic Dermatitis. PLoS Genetics, 2013, 9, e1003475.	3.5	51
44	Spontaneous Human B2 Bradykinin Receptor Activity Determines the Action of Partial Agonists as Agonists or Inverse Agonists. Journal of Biological Chemistry, 1999, 274, 29603-29606.	3.4	50
45	Novel mutations in the human sucrase-isomaltase gene (SI) that cause congenital carbohydrate malabsorption. Human Mutation, 2006, 27, 119-119.	2.5	50
46	Albinism in the American mink (Neovison vison) is associated with a tyrosinase nonsense mutation. Animal Genetics, 2008, 39, 645-648.	1.7	50
47	A 4,103 marker integrated physical and comparative map of the horse genome. Cytogenetic and Genome Research, 2008, 122, 28-36.	1.1	50
48	Selection signatures in goats reveal copy number variants underlying breed-defining coat color phenotypes. PLoS Genetics, 2019, 15, e1008536.	3.5	50
49	Fine-mapping and mutation analysis of TRPM1: a candidate gene for leopard complex (LP) spotting and congenital stationary night blindness in horses. Briefings in Functional Genomics, 2010, 9, 193-207.	2.7	49
50	PrP genotype frequencies in German breeding sheep and the potential to breed for resistance to scrapie. Veterinary Record, 2001, 149, 349-352.	0.3	48
51	A Missense Change in the ATG4D Gene Links Aberrant Autophagy to a Neurodegenerative Vacuolar Storage Disease. PLoS Genetics, 2015, 11, e1005169.	3.5	48
52	Expression of Foxi3 is regulated by ectodysplasin in skin appendage placodes. Developmental Dynamics, 2013, 242, 593-603.	1.8	47
53	A Single Position in the Third Transmembrane Domains of the Human B1 and B2 Bradykinin Receptors Is Adjacent to and Discriminates between the C-terminal Residues of Subtype-selective Ligands. Journal of Biological Chemistry, 1998, 273, 12210-12218.	3.4	46
54	Congenital syndactyly in cattle: four novel mutations in the low density lipoprotein receptor-related protein 4 gene (LRP4). BMC Genetics, 2007, 8, 5.	2.7	45

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55	A Mutation in the FAM83G Gene in Dogs with Hereditary Footpad Hyperkeratosis (HFH). PLoS Genetics, 2014, 10, e1004370.	3.5	43
56	Functional relevance of DNA polymorphisms within the promoter region of the prion protein gene and their association to BSE infection. FASEB Journal, 2007, 21, 1547-1555.	0.5	42
57	Identification of the Bovine Arachnomelia Mutation by Massively Parallel Sequencing Implicates Sulfite Oxidase (SUOX) in Bone Development. PLoS Genetics, 2010, 6, e1001079.	3.5	42
58	The brown coat colour of Coppernecked goats is associated with a nonâ€synonymous variant at the <scp>TYRP</scp>1 locus on chromosome 8. Animal Genetics, 2015, 46, 50-54.	1.7	42
59	Molecular Consequences of the SERPINH1/HSP47 Mutation in the Dachshund Natural Model of Osteogenesis Imperfecta. Journal of Biological Chemistry, 2015, 290, 17679-17689.	3.4	42
60	Identification of a missense mutation in the bovine ATP2A1 gene in congenital pseudomyotonia of Chianina cattle: An animal model of human Brody disease. Genomics, 2008, 92, 474-477.	2.9	41
61	Genomic amplification of the caprine EDNRA locus might lead to a dose dependent loss of pigmentation. Scientific Reports, 2016, 6, 28438.	3.3	41
62	The Sixth Transmembrane Domains of the Human B1 and B2 Bradykinin Receptors Are Structurally Compatible and Involved in Discriminating between Subtype-selective Agonists. Journal of Biological Chemistry, 1997, 272, 311-317.	3.4	40
63	An Unusual Splice Defect in the Mitofusin 2 Gene (MFN2) Is Associated with Degenerative Axonopathy in Tyrolean Grey Cattle. PLoS ONE, 2011, 6, e18931.	2.5	39
64	Generalized myoclonic epilepsy with photosensitivity in juvenile dogs caused by a defective DIRAS family GTPase 1. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2669-2674.	7.1	39
65	The horse Y chromosome as an informative marker for tracing sire lines. Scientific Reports, 2019, 9, 6095.	3.3	39
66	Selection signatures in Shetland ponies. Animal Genetics, 2016, 47, 370-372.	1.7	38
67	A Locus on Chromosome 5 Is Associated with Dilated Cardiomyopathy in Doberman Pinschers. PLoS ONE, 2011, 6, e20042.	2.5	37
68	A COL11A2 Mutation in Labrador Retrievers with Mild Disproportionate Dwarfism. PLoS ONE, 2013, 8, e60149.	2.5	37
69	A novelKITvariant in an Icelandic horse with white-spotted coat colour. Animal Genetics, 2015, 46, 466-466.	1.7	37
70	Whole genome sequencing reveals a novel deletion variant in the <scp>KIT</scp> gene in horses with white spotted coat colour phenotypes. Animal Genetics, 2017, 48, 483-485.	1.7	36
71	A single point mutation within the ED1 gene disrupts correct splicing at two different splice sites and leads to anhidrotic ectodermal dysplasia in cattle. Journal of Molecular Medicine, 2002, 80, 319-323.	3.9	35
72	Total IgE and allergen-specific IgE and IgG antibody levels in sera of atopic dermatitis affected and non-affected Labrador- and Golden retrievers. Veterinary Immunology and Immunopathology, 2012, 149, 112-118.	1.2	35

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73	A Mutation in the SUV39H2 Gene in Labrador Retrievers with Hereditary Nasal Parakeratosis (HNPK) Provides Insights into the Epigenetics of Keratinocyte Differentiation. PLoS Genetics, 2013, 9, e1003848.	3.5	35
74	A Genome-Wide Association Study to Detect QTL for Commercially Important Traits in Swiss Large White Boars. PLoS ONE, 2013, 8, e55951.	2.5	35
75	Osteogenesis Imperfecta in Two Litters of Dachshunds. Veterinary Pathology, 2003, 40, 530-539.	1.7	34
76	Accumulating Mutations in Series of Haplotypes at the KIT and MITF Loci Are Major Determinants of White Markings in Franches-Montagnes Horses. PLoS ONE, 2013, 8, e75071.	2.5	34
77	A de novo variant in the ASPRV1 gene in a dog with ichthyosis. PLoS Genetics, 2017, 13, e1006651.	3.5	34
78	A Frameshift Mutation in the Cubilin Gene (CUBN) in Border Collies with Imerslund-GrÃsbeck Syndrome (Selective Cobalamin Malabsorption). PLoS ONE, 2013, 8, e61144.	2.5	34
79	Spongiform Encephalopathy in a Miniature Zebu. Emerging Infectious Diseases, 2006, 12, 1950-1953.	4.3	33
80	Generation of an equine biobank to be used for Functional Annotation of Animal Genomes project. Animal Genetics, 2018, 49, 564-570.	1.7	33
81	Phenotypic Effects of FGF4 Retrogenes on Intervertebral Disc Disease in Dogs. Genes, 2019, 10, 435.	2.4	33
82	Comprehensive characterization of horse genome variation by wholeâ€genome sequencing of 88 horses. Animal Genetics, 2019, 50, 74-77.	1.7	33
83	Five novel KIT mutations in horses with white coat colour phenotypes. Animal Genetics, 2011, 42, 337-339.	1.7	32
84	Asian horses deepen the MSY phylogeny. Animal Genetics, 2018, 49, 90-93.	1.7	32
85	Molecular characterization of the equine testis-specific protein 1 (TPX1) and acidic epididymal glycoprotein 2 (AEG2) genes encoding members of the cysteine-rich secretory protein (CRISP) family. Gene, 2002, 299, 101-109.	2.2	31
86	Aberrant Low Expression Level of Bovine Î²-Lactoglobulin Is Associated with a C to A Transversion in the BLG Promoter Region. Journal of Dairy Science, 2006, 89, 4414-4419.	3.4	31
87	Role of the environment in the development of canine atopic dermatitis in Labrador and golden retrievers. Veterinary Dermatology, 2011, 22, 327-334.	1.2	31
88	A novel <scp>MLPH</scp> variant in dogs with coat colour dilution. Animal Genetics, 2018, 49, 94-97.	1.7	31
89	Congenital hypotrichosis with anodontia in cattle: A genetic, clinical and histological analysis. Veterinary Dermatology, 2002, 13, 307-313.	1.2	30
90	Phylogeny of Horse Chromosome 5q in the Genus <i>Equus</i> and Centromere Repositioning. Cytogenetic and Genome Research, 2009, 126, 165-172.	1.1	30

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91	Precision Medicine in Cats: Novel Niemannâ€Pick Type C1 Diagnosed by Wholeâ€Genome Sequencing. Journal of Veterinary Internal Medicine, 2017, 31, 539-544.	1.6	30
92	Sperm-binding fibronectin type II-module proteins are genetically linked and functionally related. Gene, 2007, 392, 253-265.	2.2	29
93	A Deletion in the VLDLR Gene in Eurasier Dogs with Cerebellar Hypoplasia Resembling a Dandy-Walker-Like Malformation (DWLM). PLoS ONE, 2015, 10, e0108917.	2.5	29
94	Mutations in the Kinesin-2 Motor KIF3B Cause an Autosomal-Dominant Ciliopathy. American Journal of Human Genetics, 2020, 106, 893-904.	6.2	29
95	cDNA cloning and sequencing of the human ryanodine receptor type 3 (RYR3) reveals a novel alternative splice site in the RYR3 gene. FEBS Letters, 1998, 423, 367-370.	2.8	28
96	The interleukin 4 receptor gene and its role in recurrent airway obstruction in Swiss Warmblood horses. Animal Genetics, 2012, 43, 450-453.	1.7	28
97	An ARHGEF10 Deletion Is Highly Associated with a Juvenile-Onset Inherited Polyneuropathy in Leonberger and Saint Bernard Dogs. PLoS Genetics, 2014, 10, e1004635.	3.5	28
98	An equine chromosome 3 inversion is associated with the tobiano spotting pattern in German horse breeds. Animal Genetics, 2008, 39, 306-309.	1.7	27
99	A 16â€bp deletion in the canine <scp>PDK</scp>4 gene is not associated with dilated cardiomyopathy in a <scp>E</scp>uropean cohort of <scp>D</scp>oberman <scp>P</scp>inschers. Animal Genetics, 2013, 44, 239-239.	1.7	27
100	Congenital aural atresia associated with agenesis of internal carotid artery in a girl with a FOXI3 deletion. American Journal of Medical Genetics, Part A, 2015, 167, 537-544.	1.2	27
101	Evolution of the spermadhesin gene family. Gene, 2005, 352, 20-29.	2.2	26
102	A RAB3GAP1 SINE Insertion in Alaskan Huskies with Polyneuropathy, Ocular Abnormalities, and Neuronal Vacuolation (POANV) Resembling Human Warburg Micro Syndrome 1 (WARBM1). G3: Genes, Genomes, Genetics, 2016, 6, 255-262.	1.8	26
103	MKLN1 splicing defect in dogs with lethal acrodermatitis. PLoS Genetics, 2018, 14, e1007264.	3.5	26
104	Construction of a porcine YAC library and mapping of the cardiac muscle ryanodine receptor gene to Chromosome 14q22?q23. Mammalian Genome, 1995, 6, 37-41.	2.2	25
105	The LCORL Locus Is under Selection in Large-Sized Pakistani Goat Breeds. Genes, 2020, 11, 168.	2.4	25
106	Variants at the ASIP locus contribute to coat color darkening in Nellore cattle. Genetics Selection Evolution, 2021, 53, 40.	3.0	25
107	Genetic diversity in an indigenous horse breed - implications for mating strategies and the control of future inbreeding. Journal of Animal Breeding and Genetics, 2011, 128, 394-406.	2.0	24
108	Imputation of sequence level genotypes in the Franches-Montagnes horse breed. Genetics Selection Evolution, 2014, 46, 63.	3.0	24

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109	Impaired Cell Cycle Regulation in a Natural Equine Model of Asthma. PLoS ONE, 2015, 10, e0136103.	2.5	24
110	Two <scp>MC</scp>1R lossâ€ofâ€function alleles in creamâ€coloured Australian Cattle Dogs and white Huskies. Animal Genetics, 2018, 49, 284-290.	1.7	24
111	Wholeâ€genome sequencing reveals a large deletion in the <scp>MITF</scp> gene in horses with white spotted coat colour and increased risk of deafness. Animal Genetics, 2019, 50, 172-174.	1.7	24
112	Dog colour patterns explained by modular promoters of ancient canid origin. Nature Ecology and Evolution, 2021, 5, 1415-1423.	7.8	24
113	A Duplication in the Canine Î²-Galactosidase Gene GLB1 Causes Exon Skipping and GM1-Gangliosidosis in Alaskan Huskies. Genetics, 2005, 170, 1857-1861.	2.9	22
114	Polymorphisms in the ABCB1 Gene in Phenobarbital Responsive and Resistant Idiopathic Epileptic Border Collies. Journal of Veterinary Internal Medicine, 2011, 25, 484-489.	1.6	22
115	A frameshift mutation in the cubilin gene (<scp>CUBN</scp>) in <scp>B</scp>eagles with <scp>I</scp>merslundâ€“<scp>G</scp>rÃsbeck syndrome (selective cobalamin malabsorption). Animal Genetics, 2014, 45, 148-150.	1.7	22
116	A Missense Variant inKCNJ10in Belgian Shepherd Dogs Affected by Spongy Degeneration with Cerebellar Ataxia (SDCA1). G3: Genes, Genomes, Genetics, 2017, 7, 663-669.	1.8	22
117	Novel insights into the pathways regulating the canine hair cycle and their deregulation in alopecia X. PLoS ONE, 2017, 12, e0186469.	2.5	22
118	Molecular characterization of the equine AEG1 locus. Gene, 2002, 292, 65-72.	2.2	21
119	Black hair follicular dysplasia in Large Munsterlander dogs: clinical, histological and ultrastructural features. Veterinary Dermatology, 2006, 17, 182-188.	1.2	21
120	Two Loci on Chromosome 5 Are Associated with Serum IgE Levels in Labrador Retrievers. PLoS ONE, 2012, 7, e39176.	2.5	21
121	NME5 frameshift variant in Alaskan Malamutes with primary ciliary dyskinesia. PLoS Genetics, 2019, 15, e1008378.	3.5	21
122	Breeding German sheep for resistance to scrapie. Veterinary Record, 2004, 154, 257-260.	0.3	20
123	Allele-specific polymerase chain reaction diagnostic test for the functional MDR1 polymorphism in dogs. Veterinary Journal, 2008, 177, 394-397.	1.7	20
124	A GJA9 frameshift variant is associated with polyneuropathy in Leonberger dogs. BMC Genomics, 2017, 18, 662.	2.8	20
125	Identification of a Missense Variant in MFSD12 Involved in Dilution of Phaeomelanin Leading to White or Cream Coat Color in Dogs. Genes, 2019, 10, 386.	2.4	20
126	MLPH Genotype--Melanin Phenotype Correlation in Dilute Dogs. Journal of Heredity, 2009, 100, S75-S79.	2.4	19

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127	Whole-Genome Sequencing of a Canine Family Trio Reveals a FAM83G Variant Associated with Hereditary Footpad Hyperkeratosis. G3: Genes, Genomes, Genetics, 2016, 6, 521-527.	1.8	19
128	A curated catalog of canine and equine keratin genes. PLoS ONE, 2017, 12, e0180359.	2.5	19
129	Dog10K_Boxer_Tasha_1.0: A Long-Read Assembly of the Dog Reference Genome. Genes, 2021, 12, 847.	2.4	19
130	Genetic markers for stallion fertilityâ€"lessons from humans and mice. Animal Reproduction Science, 2005, 89, 21-29.	1.5	18
131	Genetic Analysis of White Facial and Leg Markings in the Swiss Franches-Montagnes Horse Breed. Journal of Heredity, 2008, 99, 130-136.	2.4	18
132	Biochemical typing of pathological prion protein in aging cattle with BSE. Virology Journal, 2009, 6, 64.	3.4	18
133	Comparative humanâ€"horse sequence analysis of the CYP3A subfamily gene cluster. Animal Genetics, 2010, 41, 72-79.	1.7	18
134	A Splice Defect in the EDA Gene in Dogs with an X-Linked Hypohidrotic Ectodermal Dysplasia (XLHED) Phenotype. G3: Genes, Genomes, Genetics, 2016, 6, 2949-2954.	1.8	18
135	A SINE Insertion inATP1B2in Belgian Shepherd Dogs Affected by Spongy Degeneration with Cerebellar Ataxia (SDCA2). G3: Genes, Genomes, Genetics, 2017, 7, 2729-2737.	1.8	18
136	Mapping of type I loci from human chromosome 7 reveals segments of conserved synteny on pig chromosomes 3, 9, and 18. Cytogenetic and Genome Research, 1996, 73, 164-167.	1.1	17
137	Molecular cloning of the porcine Î²-1,2-N-acetylglucosaminyltransferase II gene and assignment to chromosome 1q23-q27. Biochimica Et Biophysica Acta - General Subjects, 1997, 1336, 361-366.	2.4	17
138	Genomic structure and nucleotide polymorphisms of the porcine agouti signalling protein gene (ASIP) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.7	17
139	Sequence analysis of a 212Âkb defensin gene cluster on ECA 27q17. Gene, 2006, 376, 192-198.	2.2	17
140	Insights into postâ€translational processing of Î²â€galactosidase in an animal model resembling late infantile human G_{M1}â€gangliosidosis. Journal of Cellular and Molecular Medicine, 2008, 12, 1661-1671.	3.6	17
141	Clinical and histological characterization of hair coat and glandular tissue of Chinese crested dogs. Veterinary Dermatology, 2013, 24, 274.	1.2	17
142	The Transcriptome of Equine Peripheral Blood Mononuclear Cells. PLoS ONE, 2015, 10, e0122011.	2.5	17
143	Two variants in theKITgene as candidate causative mutations for a dominant white and a white spotting phenotype in the donkey. Animal Genetics, 2015, 46, 321-324.	1.7	17
144	ATP13A2 missense variant in Australian Cattle Dogs with late onset neuronal ceroid lipofuscinosis. Molecular Genetics and Metabolism, 2019, 127, 95-106.	1.1	17

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145	A nonâ€coding regulatory variant in the 5â€²â€region of the MITF gene is associated with whiteâ€spotted coat in Brown Swiss cattle. Animal Genetics, 2019, 50, 27-32.	1.7	17
146	Two Breed-Specific Bovine MC1-R Alleles in Brown Swiss and Saler Breeds. Journal of Dairy Science, 2001, 84, 1768-1771.	3.4	16
147	A Mola Hydatidosa Coexistent with a Foetus in a Bovine Freemartin Pregnancy. Placenta, 2003, 24, 107-112.	1.5	16
148	X-linked anhidrotic ectodermal dysplasia (ED1) in men, mice, and cattle. Genetics Selection Evolution, 2003, 35, S137-45.	3.0	16
149	A radiation hybrid map of sheep chromosome 23 based on ovine BACâ€end sequences. Animal Genetics, 2007, 38, 132-140.	1.7	16
150	The Horse Genome Project â€“ Sequence Based Insights into Male Reproductive Mechanisms. Reproduction in Domestic Animals, 2007, 42, 45-50.	1.4	16
151	Replication and fineâ€mapping of a <scp>QTL</scp> for recurrent airway obstruction in <scp>E</scp>uropean <scp>W</scp>armblood horses. Animal Genetics, 2012, 43, 627-631.	1.7	16
152	A Nonsense Variant in COL6A1 in Landseer Dogs with Muscular Dystrophy. G3: Genes, Genomes, Genetics, 2015, 5, 2611-2617.	1.8	16
153	Basal Autophagy Is Altered in Lagotto Romagnolo Dogs with an ATG4D Mutation. Veterinary Pathology, 2017, 54, 953-963.	1.7	16
154	A Nonsense Mutation in the IKBKG Gene in Mares with Incontinentia Pigmenti. PLoS ONE, 2013, 8, e81625.	2.5	16
155	A Multi-Breed Genome-Wide Association Analysis for Canine Hypothyroidism Identifies a Shared Major Risk Locus on CFA12. PLoS ONE, 2015, 10, e0134720.	2.5	16
156	Congenital Hepatic Fibrosis in the Franches-Montagnes Horse Is Associated with the Polycystic Kidney and Hepatic Disease 1 (PKHD1) Gene. PLoS ONE, 2014, 9, e110125.	2.5	15
157	A Large Deletion in the NSDHL Gene in Labrador Retrievers with a Congenital Cornification Disorder. G3: Genes, Genomes, Genetics, 2017, 7, 3115-3121.	1.8	15
158	Genome-wide association study and whole-genome sequencing identify a deletion in LRIT3 associated with canine congenital stationary night blindness. Scientific Reports, 2019, 9, 14166.	3.3	15
159	Genome-Wide Association Studies Based on Equine Joint Angle Measurements Reveal New QTL Affecting the Conformation of Horses. Genes, 2019, 10, 370.	2.4	15
160	Genetic Variants Affecting Skeletal Morphology in Domestic Dogs. Trends in Genetics, 2020, 36, 598-609.	6.7	15
161	Regulation of Tissue-specific Expression of the Skeletal Muscle Ryanodine Receptor Gene. Journal of Biological Chemistry, 1996, 271, 4763-4769.	3.4	14
162	A high resolution physical and RH map of pig chromosome 6q1.2 and comparative analysis with human chromosome 19q13.1. BMC Genomics, 2003, 4, 20.	2.8	14

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163	Ectodysplasin-1 Deficiency in a German Holstein Bull associated with Loss of Respiratory Mucous Glands and Chronic Rhinotracheitis. Journal of Comparative Pathology, 2005, 132, 346-349.	0.4	14
164	Genetic evidence of subaortic stenosis in the Newfoundland dog. Veterinary Record, 2012, 170, 597-597.	0.3	14
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